

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 28-29, 2006

Inspector: Don Ukers, Ann Schwenzer

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Between 1.17-2.20" of rain was recorded over 6/23-6/26 with another 0.45-1.76" on 6/28 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	<p>- Hoyts Hill: Access is gained off Hoyts Hill Road. Run-off from the roadway is channeling down the driveway and re-forming a gully leading to the pad. 6/7-6/28/06.</p> <p>-A small swale was noted in the traprock at the base of the embankment to channel slope run-off to the catch basin. 6/28/06</p> <p>- The concrete washout at the top of slope had been cleaned up. 6/28/06</p> <p>-Timber mats were in place off Rt 58 for access and wire pulling. 6/28/06</p> <p>-Archers Lane: Water levels at the wetland crossings on the access road to the ROW are high but remain below problem levels. 6/28/06.</p> <p>- The repaired silt fence along the access road</p>	<p>-The gully will be filled in but run-off from the road will be difficult to control until the area is paved. 6/28/06.</p> <p>- Continue to monitor the area. 6/28/06</p> <p>-None at this time. 6/28/06</p> <p>- None at this time. 6/28/06</p> <p>-Crossings are in good shape but several areas need some maintenance. See the EC section. 6/28/06.</p> <p>- Continue to monitor and repair when necessary. 6/28/06</p>	<p>-Needs attention.</p> <p>- A small swale was noted.</p> <p>- The concrete was cleaned up</p> <p>-N/A</p> <p>-Repairs may be under ROW jurisdiction.</p> <p>- N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<p>continues to hold back a significant amount of turbid run-off from the wetland. A few spots were under stress. 6/28/06</p> <p>-Slopes remain disturbed along the access road where 345kV trenching occurred. 4/26-6/28/06</p> <p>- Silt fence near the stone wall was filtering pooled, turbid run-off. Additional haybales may still be necessary. 6/14-6/28/06</p> <p>- Norwalk Junction: Sediment tracking did not appear to be an issue at this time. 5/25-6/28/06.</p>	<p>-The area should be restored after vault access and work here is complete. 5/4-6/28/06</p> <p>- Place haybales in this spot for additional filtration and control. 6/14-6/28/06</p> <p>-Continue to monitor Rt. 7 at the main access pad. Silt fence remains at the 345kV stockpiles. 6/28/06.</p>	<p>- Needs attention when work is complete</p> <p>- N/A</p> <p>-N/A</p>
Foundation construction	<p>- At Hoyts Hill: Wire pulling machinery was set up on timber mats in the wetland at Rt 58. 6/28/06.</p> <p>- Crews were not noted at the time of inspection. 6/28/06</p> <p>-At Archers Lane, Work will continue on scaffolding, foundations and structures. 6/28/06</p> <p>-At Norwalk Junction: Work continues on the forms, foundations, and structure installations in the station pad. 3/15-6/28/06.</p> <p>- The adjacent storage center built an earthen/fabric berm along the silt fence adjacent to the site. 5/25-6/28/06</p>	<p>- Continue to monitor. Restore wetland when work is complete 6/28/06.</p> <p>- None at this time. See erosion control section. 6/28/06</p> <p>- None at this time. See erosion control section 6/1-6/28/06</p> <p>- None at this time. See erosion control section for more information. 6/28/06.</p> <p>- This is not project related/jurisdictional or covered under the permit held by NU. 5/25-6/28/06</p>	<p>-N/A at this time</p> <p>- N/A</p> <p>-N/A</p> <p>- N/A</p> <p>- N/A – not project jurisdictional</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Erosion and Sediment Controls	- Hoyts Hill: The perimeter silt fence along the wetlands at the rear of the station remains in good shape. 4/6-6/28/06.	-Monitor and maintain the fence as necessary. 4/6-6/28/06 Vegetation is growing very well in the adjacent wetland 6/28/06	- N/A
Erosion and Sediment Controls continued	-One gully in the southern slope remains along the stone pad. The rest of the repaired slope is revegetating well. 6/28/06.	-The gully will be repaired and the slope reshaped to promote sheet flow. 6/28/06.	- Needs attention
	- A small swale was noted in the stone to direct water from the slope to the catch basin but water from the road, running down the driveway area will be difficult to control. 6/28/06	- Continue to monitor. Some repair may be possible when the area is paved. 6/28/06	-N/A at this time
	- The concrete washout at the top of slope was cleaned up. 6/28/06	- Continue to remind concrete drivers. 6/28/06	- Concrete was removed
	- Archers Lane: Silt fence along the access road at the 1 st wetland was holding back significant amounts of pooled run-off. Some areas were under stress 6/28/06	-Continue to monitor the fence integrity carefully and repair whenever necessary. Stressed areas will likely need repairs. 6/28/06	-N/A at this time
	-Efforts will be made during good weather to remove the accumulated sediment which remains in this wetland. 4/26-6/28/06.	-Any easily accessible deposits of sediment need to be removed. It's unclear whether this had partially occurred. 6/14-6/28/06	- Still needs attention.
	- A spot along the silt fence on the access drive in the ROW needs repair as stone washed over and built up here adjacent to the 2 nd wetland crossing. 5/17-6/28/06	- Repair fence and pull back stone as needed. Another spot is filling up but not overtopped. 5/17-6/28/06	- Needs attention (but may be overhead jurisdiction)

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<ul style="list-style-type: none"> -Restoration efforts will be necessary along the disturbed slopes of the access road from Diamond Hill. 4/26-6/28/06 - The silt fence at the base of the access road near the stonewall was filtering pooled run-off. 6/28/06 	<ul style="list-style-type: none"> - AL contractors will likely need to perform restoration when work is complete here. 5/4-6/28/06 - Install haybales here for additional control if feasible. 6/28/06 	<ul style="list-style-type: none"> - N/A at this time. - Needs attention if feasible
Erosion and Sediment Controls continued	<ul style="list-style-type: none"> - Norwalk Junction: Perimeter silt fence and haybales remain in good shape along the river. 5/17-6/28/06. -The wetland area outside the silt fence adjacent to the river contains accumulated sediment and turbid water, despite the haybales in place at the culvert. 6/7-6/28/06 - Dewatering was occurring at the time of inspection and the haybales in the swales have degraded. 6/28/06 -Sediment accumulation was present in the swale due to adjacent disturbed areas and dewatering. 6/7-6/28/06 	<ul style="list-style-type: none"> - None at this time. Continue to monitor controls. 5/17-6/28/06. - The silt is contained and does not reach the river. Wetland vegetation was also noted growing here, but silt has built up at the stone outlet and should be removed by hand. 6/1-6/28/06 -Place new haybales or additional controls at all the culverts for filtration. 6/2/806 - Continue to improve water quality to the swale. Maintain/ remove sediment when feasible. 6/1-6/28/06. 	<ul style="list-style-type: none"> -N/A - Needs attention - Needs attention - Needs attention if feasible (345kV contractors will be removing some)
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - Hoyts Hill: The wetland remains well protected at this time. 4/6-6/28/06. - Mats are placed for wire pulling access at the wetland off Rt 58. 6/28/06 -Archers Lane: Watch 	<ul style="list-style-type: none"> -Continue to monitor this area until slopes are stabilized completely. Vegetation is growing well 6/28/06. - Continue to monitor and do not access the wetland without mats. 6/28/06 - Remove the sediment from the wetland where 	<ul style="list-style-type: none"> - N/A. -N/A - Needs attention

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	<p>run-off velocity down the completed slopes and walls. Efforts are still needed to remove deposited sediment from the 1st wetland crossing. 6/28/06.</p> <p>- Norwalk Junction: The outlet of the drainage swale is at the headwall of the wetland area. Wetland vegetation was growing but silt has accumulated and turbid water remains 6/14-6/28/06</p>	<p>there are significant buildups. It is unclear whether this was attempted. At least one area of silt remains. 6/20-6/28/06.</p> <p>- Reduce turbidity by controlling its source-disturbed surfaces and dewatering on site. The area does not seem affected but deeper sediment buildup at the outlet should be removed. 5/25-6/28/06.</p>	<p>when feasible.</p> <p>-Needs attention when feasible</p>
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: The southern slope has better vegetative cover. One gully remains through the stone pad. 6/28/06.</p> <p>- Archers Lane: no additional clearing was noted here. 6/28/06.</p> <p>- Norwalk Junction: - Vegetative growth continued in the area between the silt fence and the river. 6/28/06.</p>	<p>- See erosion control section. 6/7-6/28/06.</p> <p>-None at this time. 6/28/06.</p> <p>- Continue to monitor and restore perimeter surfaces. 6/1-6/28/06.</p>	<p>-Needs attention when feasible</p> <p>-N/A</p> <p>-N/A</p>
<p>Dewatering</p> <p>Hoyts Hill</p> <p>Archers Lane</p>	<p>-Dewatering was no longer noted here. The old filter bags were removed from the site. 6/28/06</p> <p>- Active dewatering was not noted. 6/28/06</p>	<p>-None at this time. 6/28/06.</p> <p>- The silt fence appeared to be filtering the water well but showed some stress 6/28/06.</p>	<p>-The filter bags were removed</p> <p>-N/A</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Norwalk Junction	-Active dewatering was noted in the swale. The haybales are degraded and turbid water was reaching the wetland area. 6/28/06.	-Replace haybales and reinforce controls. Some accumulated silt will be removed by 345kV crews. 6/28/06.	-N/A
Blasting	- All blasting is complete at this time. 6/28/06	- None at this time.	-N/A
Soils	- Some soil remains at the Archers Lane site from excavations but it is well contained. 6/28/06 - A number of soil stockpiles remain at Norwalk Junction as excavation continues. Large stockpiles have silt fence installed at the base. 5/4-6/28/06.	- None at this time 6/28/06. - Stockpiles remain contained. See erosion control section. 6/28/06. - Controls remain in place near 345kV stockpiles near the entrance to Norwalk	-N/A -N/A
Spills and Material Storage	- The concrete washout at the Hoyts Hill slope off the driveway was cleaned up. 6/28/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. See proper storage for all materials.	-The washout was cleaned up.
Additional Observations			

Next likely scheduled inspection:

Wednesday July 5, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Don Ukers, Ann Schwenger



Hoyts Hill Transition Station: Photo on the left shows mats in place to access the site off Rt 58. Old filter bags will be removed during this access. Photo on the right shows a view of the station pad where wire work had occurred.

6/29/06



Archers Lane: Photo on the left shows the ongoing work in the station yard. Photo on the right shows where run-off from the ROW access road is almost overtopping the silt fence at the second wetland crossing, adjacent to the station. 6/29/06.



Norwalk Junction: Photo shows a view of the area along the station yard near the river with some areas of pooled water following the recent heavy rains. 6/29/06.



Photo on the left shows dewatering to the swale along the yard. Water is turbid and controls should be refreshed/improved. Photo on the right shows the wetland area at the end of the swale near the river filled with pooled turbid water again. 6/29/06.